

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please **AMEND** the specification as shown in the following marked up paragraph, which shows changes made relative to the immediate prior version.

Please **DELETE** the paragraph on page 5, beginning at line 5.

Please **AMEND** the paragraph beginning on page 20, line 13 as follows:

A high volatile bituminous coal was ground ~~[[a]]~~ and sieved to produce ~~[[tow]]~~ two distinct particle sizes. The first (1) passed through a 60-mesh screen and the second (2) through a 35 mesh but not a 60-mesh screen. A T-shaped mold was constructed from paper and centered in a cylindrical steel mold. The relative areas of the T and the surrounding mold were used to determine the amounts of each material used. In one case, fraction 1 was loaded into the T and fraction 2 into the surrounding mold. In the second case, fraction 2 was loaded into the T and fraction 1 into the surrounding mold. Both were heated to 475°C at a heating rate of 2°C per minute and held at this temperature for seven hours. The resulting cellular materials were cut to reveal the linearly graded cell structure shown in ~~Figures 5 and 6 respectively~~ Figure 5.